

Engaging Hispanics into the Math/Science Pipeline

Determined to meet the Educational Need Area of Student Recruitment and Retention



Houston Community College



Spring Branch Independent School District



Sam Houston State University



Students become Scientists
Real Life Issues
Exciting, scientific opportunities
Research relevant topic
Develop Hypotheses
Conduct experiments
Professional guest speakers, scientists
Field trips NASA, Houston Medical Center



Student Exhibition for Parents
Work shown to peers and families
Scholarships awarded



Increase Students' Knowledge
Two Yr. Colleges, Universities,
Professional Careers in the
Sciences



Encuentro Day at SHSU
All day event in Spanish
Visit the campus
Legal issues, financial aid, application
process



Increase the Number of Students
Who enroll in science classes
SBISD, HCC, and SHSU.



Summer Science Camp
A week of science applications
Web design, power point,
community application
Designed to reflect what the
students have learned



Increase the Number of Students
Complete STEM classes
At SBISD and HCC,
Graduate with Bachelor of Science
degree



Two Day SHSU Summer
Program
Agriculture applications,
Compiling results from
experiments
Use of ultrasound,
Analyze soil and water
Construct field maps

We Expect to Reach
100 SBISD high school students
100 community college students
50 university students
250 parents/guardians, community leaders,
10 high school teachers
5 Community College and university professors

We Expect a Big Impact
100 students will increase their knowledge
Of science and careers in scientific fields,
Tour local businesses, and visit college campuses,
50 students will take part in the Summer Science
Camp
And the SHSU Summer Program
30 students will enroll in the dual credit biology course

USDA Collaborate

Jon Muncrief, District Conservationist
Huntsville Service Center,
Natural Resources Conservation Service

